

"In the assurance of strength there is strength, and they are the weakest, however strong, who have no faith in themselves or their powers."—Lord Bacon.

Honolulu Star-Bulletin

HONOLULU, TERRITORY OF HAWAII, SATURDAY, JANUARY 13, 1917.

SEVENTEEN

TUBE IMPORTANT FACTOR IN CARE OF YOUR TIRES

Harry Parker Believes Poor Tubes Most Expensive; Tire Troubles Due to This

Many motorists in reviewing tire mileage records often credit the satisfactory performance to the casing, to the exclusion of the tube, forgetting or overlooking the fact that if the tube had not acted its part faithfully the casing could not have established so good a record.

If the casing is right, of course, the work of the tube is very simple. It does not have to withstand pressure and wear. It has only to hold air and keep on holding air.

"This is why so many motorists think a tube is a tube and let it go at that," explains Harry Parker of the Auto Service & Supply Co., local distributors of Goodyear tires and tubes.

"Tubes cost relatively little," says Parker, "but poor tubes can easily become the most expensive part of your equipment. Too many dealers will sell you good casings and low grade, low profit tubes, which cost many times their price by losing pressure, and so wearing out the casings.

"Good tubes add life to any tires, and for this reason we are trying to impress upon all tire users the truth that good tubes are just as important as good casings. Much more tire trouble than is commonly supposed, can be traced to poor tubes, rather than to poor casings.

"Some motorists could actually afford to throw away the tubes they are using and replace them with quality tubes. They would save money in the end.

"We are requiring all our service stations to carry a full line of Goodyear tubes. And they do this gladly, for they know that the tubes are made the right way—built up layer on layer, or of pure gum, with each layer inspected for sand holes and bubbles, and the whole as near to permanent air tightness as an elastic material will permit.

"Air, being a gas, very slowly permeates almost any kind of a solid. However, we combat this by using the newest rubber obtainable.

"Thin rubber used in making tubes must neither harden nor crack, but must recover from its stretch in a casing, even after long use. We take a special pride, too, in our tube patch, which is an integral part of Goodyear tubes through vulcanizing. This makes it leakproof.

"Our tube quality and casing quality are complements of each other, and both are as perfect as good materials and expert workmanship can make them."

AMATEURS MAKE NOTABLE DRIVE IN CADILLAC 8

A little group of motorists in Marton, Ohio, was recently discussing the possibilities of a non-professional drive from Marton to New York city. Lewis H. Guthery made the statement that he believed amateur drivers could make the trip in 24 hours.

Then, to learn how close his estimate had been, Mr. Guthery and Dr. Carl H. Sawyer started for New York the next evening at 8 o'clock, driving a seven-passenger Cadillac eight. They reached Cadillac headquarters in New York the following evening at 8:35, having covered 338 miles in 24 hours 35 minutes.

The two men were the sole occupants of the car. They had neither chauffeur or mechanic, and during the entire trip were not obliged to delay on the road for so much as a tire change. It was necessary to cross three ranges of the Allegheny mountains, about one-third of the trip was made in the dark, and a great part of the journey was made in rain. In spite of these facts, the average speed was better than 27 miles per hour, this time including stops for gasoline, meals, etc.

BOLTS ON WINDSHIELD SHOULD BE KEPT TIGHT

On many makes of cars the windshield is held in place by steel arms which protrude through the cowl, being fastened on the under side by a nut and lock nut. Often these nuts work loose, due to vibration, with the result that the shield is allowed to move slightly. The first evidence of this is seen in cracked finish in the vicinity of the windshield supports. When the owner makes a periodic inspection for loose bolts and nuts, these windshield nuts should not be forgotten.

FAIR "ROAMER," MOTOR MISS, TO MAKE DEBUT von Hamm-Young Co. Introduces this "Car of Character"



Paul Isenberg Takes License From Honolulu

Cole Roadster in Los Angeles Shows Tag Hon.-3-1917; First Seen This Year

LOS ANGELES.—When Paul Isenberg, of Honolulu, made up his mind to come to Southern California to pass the winter he, like so many who have come from the islands possessions have done before him, decided a motor car would be a prime requisite of thorough enjoyment of his visit. He wrote to several of the best known manufacturers of automobiles in the country and asked them to send him catalogues, containing pictures and descriptions of their latest offerings.

Among the list was the Cole Motor Car Company of Indianapolis, and after perusing all the literature carefully he determined upon the purchase of a four-passenger Tuxedo roadster from this company. He asked to have it delivered to him through the Irving Motor Car Company, the Los Angeles Cole distributors.

The car came from the factory in a recent shipment received here and a few days ago Mr. Isenberg put in his appearance and claimed it. In preparation he brought with him the license plates issued in Honolulu for 1917. This accounts for the fact that there is now to be seen on the streets and highways a new Cole roadster with bright red license plates bearing the designation, "Hon. 3, 1917."

"ALL SEASON" MOTOR CAR BODY CAN'T BE PATENTED

DENVER, Colo.—If any individual or organization attempts to establish design-patent rights to the commonly accepted form of convertible "all-season" motor car body, there will be a real battle.

The defense will be made by the Fisher Body Corporation of New York and Detroit.

Such is the purport of an aggressive statement by the Fisher corporation, over the signature of President Fisher and Treasurer Mendelsohn.

The Fisher corporation declares that the idea of a body with removable or collapsible sides dates away back to days when carriages were not horseless. They cite the fact that such bodies appeared on European cars more than 10 years ago, and frankly scorn any pretensions to design patent validity which might influence them in the least.

This defiant attitude is glad news to automobile manufacturers and dealers, as well as to motorists, present and prospective, who might have been affected by a raise in the price of this popular type of body, due to the imposition of royalties.

STOP BEHIND CARS

All vehicles should come to a stop ten feet behind a street car that has stopped to take on or discharge passengers, unless there is a safety zone or the street is of sufficient width to allow eight or ten feet between the street car and the vehicle passing it, and then caution should be used.

Investigations by the Forest Products Laboratory at Madison, Wisconsin, have resulted in the use of spent tankard in the manufacture of asphalt shingles to the extent of 160 tons per week. The value of the bark has been thereby increased from 40 cents to \$2.50 per ton.

BARLEY MOTOR CAR COMPANY TURNS OUT PRODUCT OF EXCEEDING BEAUTY

THE von Hamm-Young Company, Ltd., will entertain Honolulu society next week to introduce to possible suitors the most charming debutante of the season. Marvelous for her beauty, original in her style, unequalled in grace and envied by her sisters, Miss "Roamer" is sure to prove the most fascinating "bud" Honolulu has beheld in many years.

Miss "Roamer" was born in Streator, Ill., and her parents are the Barley Motor Car Company of that city. They were mercenary enough to send their daughter to this land of sunshine to be wooed and won by some man who would learn to love her for her beauty and charming characteristics. They write the von Hamm-Young Company that they have "many more at home"—sisters equally as beautiful, though no two are the same in appearance. Local society folk already have predicted Miss "Roamer's" popularity and if their prediction proves correct we will see many of her sisters arriving during the next year.

More Than a Motor Car
Miss "Roamer" is a motor car. That hardly expresses it, for she is "more than a motor car." In fact, the "most motor car" that has ever

HEIRESS TO TOUR HAWAII AND ORIENT AT WHEEL OF CHALMERS

LOS ANGELES, Cal.—Constance Lockhart, Regent apartments, has received her Christmas present, with another one to follow closely. The first is a seven-passenger Chalmers; the second, a tour of the Hawaiian Islands, Japan, China and India in company with her mother, Mrs. E. R. Lockhart. But, preliminary to this grand tour, Miss Constance is thoroughly equipping herself to take complete advantage of the greatest event of her young life.

Just before purchasing the Chalmers Mrs. Lockhart had about decided to tour South America. Constance set to studying the Spanish tongue and became quite proficient when all the plans were rearranged and now the living room is scattered full of literature describing the Orient, where several months will be spent by the mother and daughter.

"Some time in February we will sail for Hawaii," said Mrs. Lockhart. "After a complete trip about the islands in our Chalmers which we will ship with us, we will depart for Japan and

China. We have a great many friends in the island kingdom and will make up a party of them to accompany us on an extensive motor tour of China.

We hope to drive our Chalmers along the Great Wall, which, we understand, has now been made into a wonderful boulevard for many miles. Motor to India.

"When we have visited all of the eastern states we will take guides and endeavor to make India through the Tibet country. We have been informed that Tibet is not as unfriendly to white people as it once was and we shall enjoy pioneering our way through the fastnesses of this wild part of Asia. When we arrive at the northern line of India, after passing through the Himalayas, I understand we will come upon some excellent military roads that will take us all through the country to Ceylon."

Mr. Lockhart is the owner of thousands of acres of rubber and mining land in Mexico and Mrs. Lockhart says that he is so busy preventing depressions by revolutionists that he will

Von Hamm-Young Company Installs Big Tire Press

Most Trucks Now Have Tires Pressed on By Machinery; Feature of Local House

By E. E. BODGE
The von Hamm-Young Company has just finished installing a 200-ton tire press, which is to be used to press solid rubber tires on and off of motor truck wheels.

The manufacturers of solid motor truck tires have found that the tires which are pressed onto the wheels are far more efficient than those which have been fastened on by lugs and bolts, or in other words, the demountable type.

Most trucks now have their tires pressed onto the wheels under enormous pressure, which insures a sound fastening and a solid foundation all around the wheel at all times.

It is with the intention of pressing the tires off the wheels and pressing new ones on that the von Hamm-Young Company has installed the new press.

This press was made by the Morgan & Wright Tire Company and is operated by oil pumps, which are driven by an electric motor.

The von Hamm-Young Company has put itself to considerable expense and trouble to install this gigantic press to answer the demands of the late developments of truck building.

Operators of motor trucks in this territory will now be able to use this new type of tire, which costs the same as the old type, but gives far more mileage.

This company at all times is endeavoring to give the best service to the public and has never spared any expense to accomplish this end.

The owners of trucks located on the other islands desiring to use the new type of tire can ship their wheels to the von Hamm-Young Company, which will press new tires on and ship the wheels back on the same steamer.

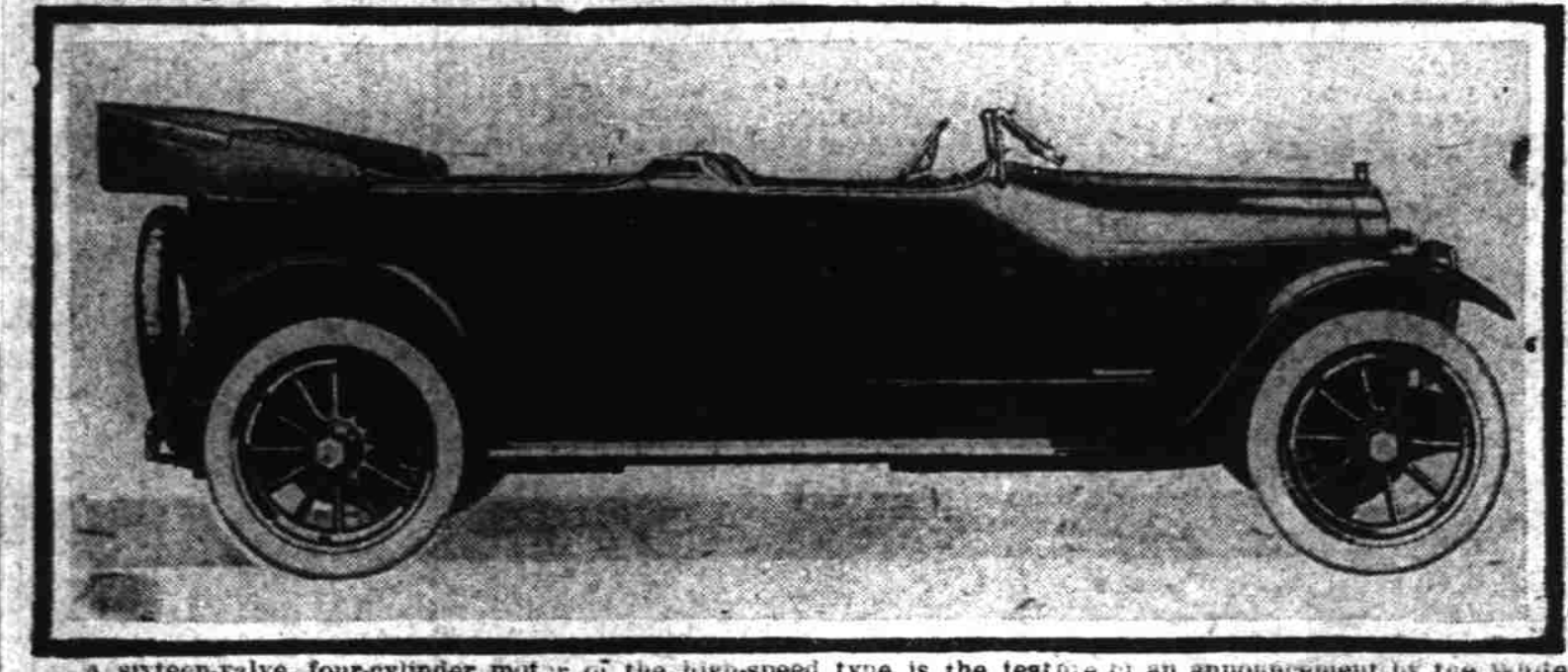
The operation of pressing these tires on only takes a very short time and is not an expensive operation. It also saves the owner the previous expense of the steel lugs, bolts, rings and attachments of the demountable type of tire.

The Federal Oil Co. of Cleveland increased its capital from \$3,300,000 to \$4,400,000.

The Hunter Arms Co., Inc., of Fulton N. Y., increased its capital from \$150,000 to \$500,000.

be unable to accompany his wife and daughter on the wonderful trip they have planned. They call it their "Chalmers tour."

WHITE COMPANY TO BUILD SIXTEEN VALVE "FOUR"



A sixteen-valve, four-cylinder motor of the high-speed type is the feature of an announcement by the White Company, introducing a new series of custom designed motor cars at prices considerably above the level of the previous product. That the sixteen-valve "four" will exert a strong influence on future engine design is the belief of the company. The sixteen-valve "four" is capable of any performances within the experience of motor car owners today.

Goodyear Head Boosts Hawaii

Men in the San Francisco automobile industry have failed to appreciate the opportunities of San Francisco as a distributing point for the territorial possessions of the United States. This is the opinion of L. C. Rockhill, manager of the automobile tire department of the Goodyear Tire & Rubber Company, who has returned from a business trip to the Hawaiian Islands, with Frank Carroll, manager of the local branch of the company. Rockhill is en route to Akron, Ohio, where the Goodyear factory is located. He said business conditions in the islands were excellent, with prospects for good business in the automobile industry for 1917. He told of having met Harry Parker and several other men well known in the local trade, now with the Auto Service Supply Company, which handles the Goodyear tires in Honolulu. In discussing business conditions in the islands, Rockhill said:

"The pineapple and sugar making industries are in full blast. During the week we were there \$400,000 was distributed in bonuses to the sugar employees on one of the islands. Their prosperity seems to be on a sound basis and there are any amount of fine trade opportunities in the islands. Hawaii Rich Field.

"I do not think American shippers quite appreciate the automobile possibilities of Hawaii. Honolulu has a very live set of businessmen, and motoring has made rapid strides as the result of their extended good roads activity. The island of Oahu, on which Honolulu is located, is almost surrounded by a beautiful driveway, which will be completed in about two years. The Chamber of Commerce, the Honolulu Ad Club and other public-spirited organizations have taken the lead in this work and fine system of roads is being developed. There are innumerable beautiful scenic drives, and I am confident that there will be a constantly increasing demand for automobiles.

"Just now automobile dealers in Hawaii are in the same position as dealers in the states, in being unable to get cars. I am informed that there are quantities of automobiles here in San Francisco awaiting shipment to the islands, but the shippers are unable to move them on account of the lack of bottoms. It seems to me that this situation is rather an interesting sidelight on America's lack of an adequate merchant marine."

Rockhill is accompanied by Mrs. Rockhill and is stopping at the St. Francis. He had planned to see the old year out in San Francisco, but was summoned East by a telegram from headquarters, his presence being necessary for preparations for the company's participation in the New York automobile show.

NOVEL FEATURES EMBODIED IN NEW STEAM CAR

DENVER, Colo.—The Doble steam car, manufactured by the General Engineering Company of Detroit, and to be shown formally for the first time at the New York automobile show, will reveal several features that will compel the attention of motorists. One of the most interesting will be the method of "firing up," or getting up steam, which Abner Doble has invented and developed. This feature will be of special interest to those who have had previous experience with steam cars.

The Doble car uses no pilot light nor any kind of pre-heating device, nor does it require gasoline or alcohol for this function. One of the supreme advantages claimed for it is the fact that 90 seconds after turning on the starting switch 200 pounds of steam are generated. If the water is cold at the start, seventy-five pounds is amply sufficient to start the car under ordinary circumstances.

When the car stops there is normally about 600 pounds of pressure in the generator. This pressure will decrease very slowly, due to the heat insulating properties of the generator jacket, so that the car will start instantaneously after it has stood from four to eight hours, varying according to the outside temperature. Ninety seconds are required only when the generator is perfectly cold.

The Doble car uses ordinary kerosene both to start and to run it. One spark plug is mounted so as to ignite the kerosene and air as it comes into the combustion chamber. After the

LAND VALUES IN U. S. INCREASED SINCE AUTO CAME

Kissel Kar Expert Says Tillable Land Has Increased 50 Per Cent in Last Five Years

H. S. Daniels of the Kissel-Kar Company estimates, from figures recently compiled by the department of agriculture, that tillable lands throughout the United States have in the last five years increased in value at least 50 per cent, all of which is directly traceable to the automobile.

The bulletin of the department of agriculture, upon which this estimate is based, is entitled "Economic Survey of County Highway Improvement," and gives facts relating to eight counties selected as a test. Four of these are in Virginia and one each in New York, Alabama, Florida and Mississippi. The increase of land values in five years in these counties ranges from 25 to 194 per cent. There are 3627 counties in the United States.

These figures certainly suggest fascinating mathematics and astounding calculations. Just as an instance: The department of agriculture finds that in the eight counties investigated the saving in haulage costs in the five years reviewed amounted to \$627,409. Apply the same situation to the whole country and the saving would amount to the tidy sum of \$237,395,502.

"You can trace this marvelous development to the advent of the automobile," concluded Mr. Daniels, "for good roads have been fostered and fostered by the automobile. All of which goes to show that the investment in cars, great as it is, is nothing in comparison with the benefits and blessings that have flowed from it."

MOTORCYCLIST DARES STORMS IN LONG RIDE

PORTLAND, Ore.—After a motorcycle ride of exactly one month from Fargo, N. D., A. S. Stromgren arrived in this city, thereby winning a wager of \$500 posted by a North Dakota enthusiast who believed it would be impossible for the rider to make Portland.

Stromgren on his 1914 single-cylinder, two-speed Excelsior, equipped with Firestone tires, when arriving at the Excelsior Motorcycle Company here informed Carl Rose, the proprietor, and Leonard J. Sparks, manager of the local Firestone branch, that it was not necessary for him to purchase a single part on the entire trip. Stromgren was forced to go through vast snow drifts west of Anacapa, Mont. One day he was caught in a fierce blizzard and compelled to stay out in the storm all night without shelter. He was not allowed to carry a lamp on the entire trip, which made it dangerous to attempt night riding.

In the Rocky Mountain region it took Stromgren a full day to ride 17 miles. The snow was so deep that he had to drop down into the sleigh tracks and proceed on low gear, while the breezes of 18 below zero fanned his cheeks.

Stromgren states that he must have taken at least 200 "spills" on his trip. Between Pendleton and Echo it took him four hours to cover 26 miles which required another man a full day of riding.

One passenger was killed and several persons were injured when the Semholie Limited, from Jacksonville to Chicago, running on the Central of Georgia Railroad track, jumped the track nine miles from Opelika, Ark.

Kerosene is ignited the spark is automatically set off. This is believed to be the first time cold kerosene has been ignited with a spark plug in a steam car.

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